

Amendments to the Specification:

Please replace the Sequence Listing that was filed with the application with the attached Substitute Sequence Listing.

Please replace Figures 6A-6F as originally filed with the attached replacement Figures 6A-6F.

Please cancel the amendment to amend the entire paragraph on at page 1, lines 5-21, said amendment filed on 16 December 2004, and please replace the entire paragraph on at page 1, lines 5-21 with the following amended paragraph:

This application ~~claims the benefit~~ is a continuation-in-part of U.S. Application No. 10/412,699, filed April 10, 2003 (pending), which in turn claims the benefit of U.S. Non-provisional Application No. 09/533,030, filed March 22, 2000 (abandoned), which in turn claims the benefit of U.S. Provisional Application No. 60/125,814, filed March 23, 1999, U.S. Non-provisional Application 09/713,994, filed November 16, 2000 (abandoned), which in turn claims the benefit of U.S. Provisional Application No. 60/166,228, filed November 17, 1999, U.S. Provisional Application No. 60/197,899, filed April 17, 2000, and U.S. Provisional Application No. 60/227,439, filed August 22, 2000; U.S. Non-provisional Application No. 10/112,887, filed March 18, 2002 (abandoned); U.S. Non-provisional Application No. 10/286,264, filed January 23, 2003 (pending); U.S. Non-provisional Application No. 10/225,068, filed August 9, 2002 (patented as U.S. Pat. No. 7,193,129); U.S. Non-provisional Application No. 10/225,066, filed August 9, 2002 (patented as U.S. Pat. No. 7,238,860); U.S. Non-provisional Application No. 10/374,780, filed February 25, 2003 (pending), which claims the benefit of U.S. Non-provisional Application No. 09/837,944, filed April 18, 2001 (abandoned), U.S. Non-provisional Application No. 10/171,468, filed June 14, 2002 (abandoned), U.S. Provisional Application No. 60/310,847, filed August 9, 2001, and U.S. Provisional Application No. 60/336,049, filed November 19, 2001; U.S. Non-provisional Application 10/666,642, "Polynucleotides and Polypeptides in Plants", filed September 18, 2003 (patented as U.S. Pat. No. 7,196,245), claims the benefit of U.S. Provisional Application No. 60/434,166, filed December 17, 2002, and U.S. Provisional Application No. 60/411,837, filed September 18, 2002. The entire contents of all of these applications are hereby incorporated by reference.

Please replace the entire Table 6 at page 95, line 1, and as amended on 16 December, 2004, with the following amended table.

Table 6. Summary of Results of Physiological Assays.

GID	Polypeptide SEQ ID NO	Promoter	One or two Component Transformation Type	Overexpressor lines showing phenotype					
				Heat tolerance	Drought tolerance	Improved germ. in high NaCl	Improved germ. in high sugar	ABA sens.	Improved germ. in cold
G482	[[2]] 4	CaMV 35S	2-components- supTfn	+			+		
		CaMV 35S	Direct promoter- fusion			+			
G481	[[4]] 2	CaMV 35S	Direct promoter- fusion		+		++ **		
		ARSK1	2-components- supTfn						++
		CaMV 35S	Superactivation			+			
		CaMV 35S	RNAi (GS)	++	+		+		
G485	6	CaMV 35S	2-components- supTfn			+	+	+	+
G3395	74	CaMV 35S	Direct promoter- fusion			+			

* Mannitol

** Sucrose

Abbreviations: Sens. Sensitivity

Germ. Germination

+ Moderate trait manifestation in one or more lines tested

++ Strong trait manifestation in one or more lines tested

Please replace the entire paragraph beginning on page 29, line 18 with the following amended paragraph:

Ser/Gly-Arg-Ile/Leu-Met-Lys-(Xaa)₂-Lys/Ile/Val-Pro-Xaa-Asn-Ala/Gly-Lys-Ile/Val-Ser/Ala/Gly-Lys-Asp/Glu-Ala/Ser-Lys-Glu/Asp/Gln-Thr/Ile-Xaa-Gln-Glu-Cys-Val/Ala-Ser/Thr-Glu-Phe-Ile-Ser-Phe-Ile/Val/His-Thr/Ser-[Pro]-Gly/Ser/Cys-Glu-Ala/Leu-Ser/Ala-Asp/Glu/Gly-Lys/Glu-Cys-Gln/His-Arg/Lys-Glu-Lys/Asn-Arg-Lys-Thr-Ile/Val-Asn-Gly-Asp/Glu-Asp-Leu/Ile-Xaa-Trp/Phe-Ala-Met/Ile/Leu-Xaa-Thr/Asn-Leu-Gly-Phe/Leu-Glu/Asp-Xaa-Tyr-(Xaa)₂-Pro/Gln/Ala-Leu/Val-Lys/Gly (SEQ ID NO: 105);

Please replace the entire paragraph beginning on page 8, line 26 with the following amended paragraph:

CD-ROM1 is a read-only memory computer-readable compact disc and contains a copy of the Sequence Listing in ASCII text format. The Sequence Listing is named "MBI0022CIP.ST25.txt", and is 163 kilobytes in size, and was created on 26 September 2003. The copies of the Sequence Listing on the CD-ROM disc are hereby incorporated by reference in their entirety.

Please replace the entire paragraph beginning on page 9, line 21 with the following amended paragraph:

In Figures 6A-6F, the alignments of HAP3 polypeptides are presented, including G481, G482, G485, G1364, G2345, G1781 and related sequences from *Arabidopsis* aligned with soybean, rice and corn sequences, showing the B domains (indicated by the line that spans Figures 6B through ~~6D~~ 6C). Consensus residues within the listed sequences are indicated by boldface. The boldfaced residues in the consensus sequence that appears at the bottom of Figures 6A through 6C in their respective positions are uniquely found in the non-LEC1-like clade. The underlined serine residue appearing in the consensus sequence in its respective positions is uniquely found within the G482-like subclade. As discussed in greater detail below in Example IX, the residue positions indicated by the arrows in Figure 6B are associated with an alteration of flowering time when these polypeptides are overexpressed. SEQ ID NOs: appear in parentheses.

Please replace the entire paragraph beginning on page 29, line 33 with the following amended paragraph:

Asn-(Xaa)₄-Lys-(Xaa)₃₃₋₃₄-Asn-Gly (SEQ ID NO: 106);

Please replace the entire paragraph beginning on page 30, line 4 with the following amended paragraph:

Ser-(Xaa)₉-Asn-(Xaa)₄-Lys-(Xaa)₃₃₋₃₄-Asn-Gly (SEQ ID NO: 107).

Please replace the entire paragraph beginning on page 101, line 31 with the following amended paragraph:

Primer Mol 368 is in the AP2 binding domain of CBF1 (amino acid sequence: His-Pro-Ile-Tyr-Arg-Gly-Val (SEQ ID NO: 108) while primer Mol 378 is outside the AP2 domain (carboxyl terminal domain) (amino acid sequence: Met-Ala-Glu-Gly-Met-Leu-Leu-Pro) (SEQ ID NO: 109).